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5 PAGES

TCS - 8282/65

DATE June 1965

CENTRAL INTELLIGENCE AGENCY  
PHOTOGRAPHIC INTELLIGENCE DIVISION  
PHOTOGRAPHIC INTELLIGENCE REPORT

PERM ARMS PLANT NUMBER 172  
USSR

CIA/PIR-5010/65



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CIA, PHOTOGRAPHIC INTELLIGENCE DIVISION

PERM ARMS PLANT NUMBER 172

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1. The Perm Armaments Plant No. 172 was first covered by photography on KEYHOLE [REDACTED] but the poor quality of this Mission and the two succeeding Missions precluded any interpretation other than identification. [REDACTED] provided the first good coverage of the plant, and showed that the facility contained some 40 buildings with a total volume of approximately 100,620,150 cubic feet. Since [REDACTED] one workshop/storage building containing 270,000 cubic feet was constructed. This building was begun after [REDACTED] and finished by [REDACTED]. No further construction was noted.

2. Table I contains the description and complete dimensions of most of the buildings at Arms Plant No. 172. All measurements have been made by the NPIC Technical Intelligence Division, with the exception of the height measurements marked with an asterisk. These measurements were made by the CIA/PID analyst and should be considered only approximate. The NPIC/TID measurements are considered to be accurate within  $\pm 10$  to 15 feet or  $\pm 10$  to 15 per cent, whichever is greater.

3. Table II provides a description of the roads and railroads at the arms plant. All measurements, excepting the average road width which was computed by NPIC/TID, were made by the PID project analyst using scale factors provided by TID, and are only approximate.

Enclosure:

1 Annotated Line Drawing  
(CIA/PID/IB-P-609/65)

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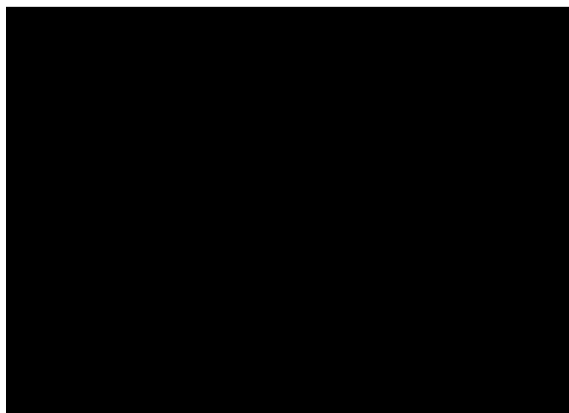
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25X1D

REFERENCES



MAPS OR CHARTS

ACIC U.S. Air Target Chart, Series 200 Sheet 0156-11AL  
September 59

DOCUMENTS

GMAIC Redbook 10/63

REQUIREMENT

CIA. ORR C-RR5-82,574

CIA/PID PROJECT

30675-5

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TABLE I  
DESCRIPTION AND DIMENSIONS OF BUILDING

ITEM NO.	DESCRIPTION	DIMENSIONS (Feet)	SQ. FT.	CU. FT.
1	Fabrication/Assembly	Irregular x 55	223,600	12,298,000
2	Machine Shop/work shop	250 x 180 x 40	45,000	1,800,000
3	U/I Heat Processing	Irregular x 25	56,475	1,411,875
4	Machine Shop	Irregular x 20	44,400	888,000
5	Machine Shop	Irregular x 25	63,300	1,582,500
6**	Fabrication/Assembly	Irregular x 40(average)	373,875	14,955,000
7	Workshop/Storage	765 x 130 x 30	99,450	2,983,500
8	U/I Heat Processing	Irregular x 35	214,990	7,524,650
9	U/I Heat Processing/ Machine Shop	Irregular x 25	131,225	3,280,625
10	U/I Heat Processing	Irregular x 30	67,350	2,020,500
11	U/I Heat Processing	455 x 380 x 45	172,900	7,780,500
12	U/I Heat Processing/ Machine Shop	655 x 210 x 30	137,550	4,126,500
13*	U/I Heat Processing	Irregular x 30	127,050	3,811,500
14*	U/I Heat Processing	Irregular x 30	115,100	3,453,000
15	Machine Shop/Work shop	Irregular x 15	37,625	564,375
16	Rolling Mill	Irregular x 50	280,850	14,042,500
17	Storage	400 x 110 x 30	44,000	1,320,000
18**	U/I Heat Processing	Irregular x (average)	264,150	12,943,350
19	Workshop/Storage	240 x 75 x 15	18,000	270,000
-*	Miscellaneous		242,975	3,644,625
25X1D			TOTALS--	2,759,865 100,701,000

\*--Indicates height measurement was made by CIA/PID Analyst.

\*\*--Represents the average height of a building for which NPIC/TID has provided two or more height measurements. The average height figure was computed by the CIA/PID Analyst from TID measurements, and must not be considered as official NPIC/TID data.

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TABLE II  
DESCRIPTION OF TRANSPORTATION FACILITIES

	<u>LENGTH</u>	<u>WIDTH</u>	<u>TYPE</u>
Roads	13,500 Feet*	[REDACTED] (Average)	Concrete
Railroads	4,900 Feet*	25X1D-	-

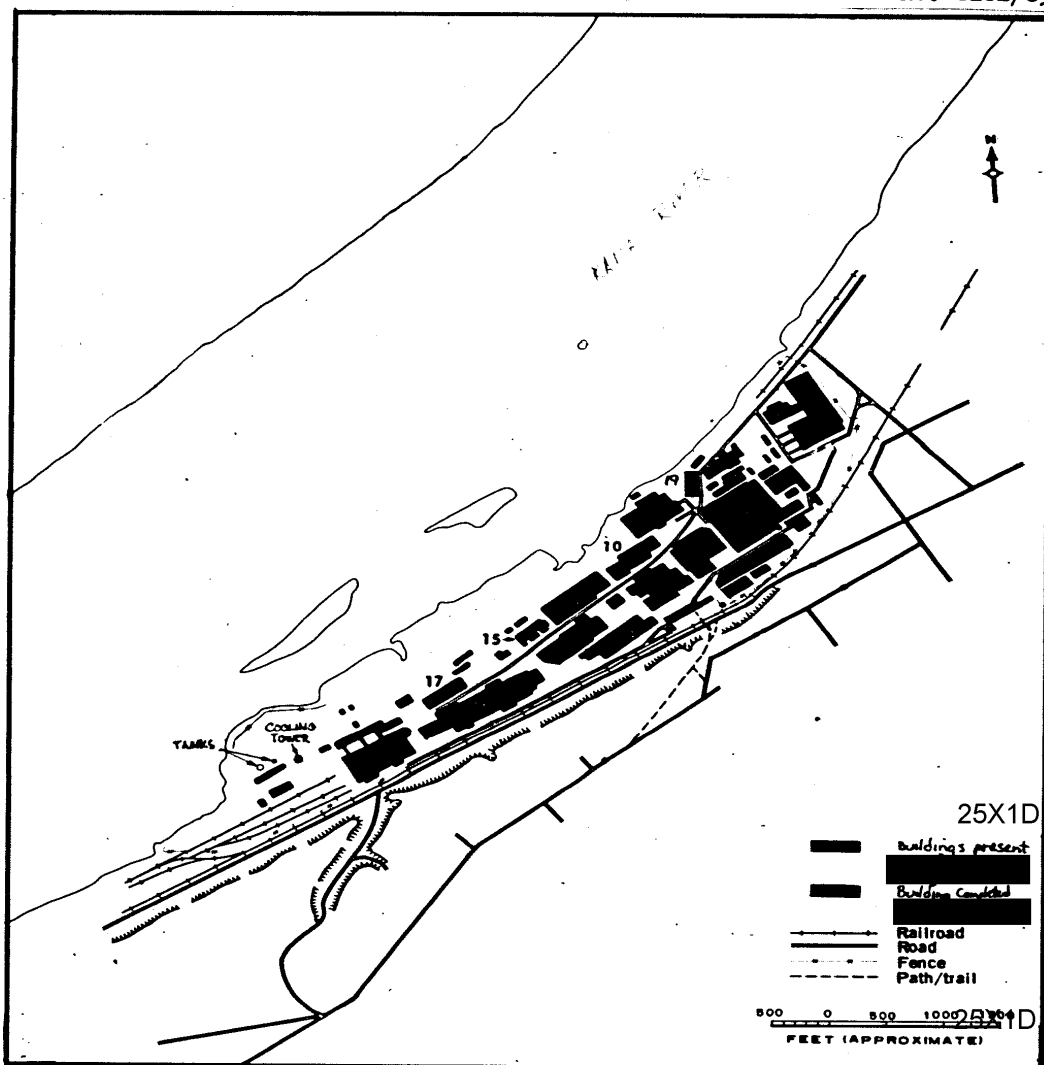
\*--Indicates measurement was made by CIA/PID Analyst.

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